

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently Amended) A tomography imaging system comprising an acquisition unit having a gantry, a patient positioning table with a horizontally movable patient board, ~~which said patient board can be slid~~ being slidable through a scan region of the gantry of the acquisition unit for examination, and ~~a~~ an extendable first support device ~~being arranged with regard to the patient positioning table, said support device supporting~~ disposed to support the patient board upon passing through the scan region, said first support device being directly attached to the gantry of the acquisition unit to move therewith to extend dependent on movement of the gantry.

Claim 2 has been cancelled

2. (Cancelled)

Claim 3 has been amended as follows:

3. (Currently Amended) A tomography imaging system comprising an acquisition unit, a patient positioning table with a horizontally movable patient board, which patient board ~~can be slid~~ being slidable through a scan region of the acquisition unit for examination, a first support device being arranged with regard to the patient positioning table, said support device supporting the patient board upon passing through the scan region said first support device being directly attached to the acquisition unit and being extendable, and control means being directly provided for the first support device which regulates an extension length of the first support device, so that an automatic compensation of the extension length automatically

occurs given a tilting of the acquisition unit in order to keep the patient board in a horizontal position.

Claim 4 has been amended as follows:

4. (Currently Amended) A tomography imaging system according to claim 3, which includes a second support device that is ~~extended~~ extendable substantially in the horizontal direction and is mounted on the patient positioning table.

5. (Original) A tomography imaging system according to claim 4, wherein at least one of the first and second support devices includes a rotary member in a contact region with the patient board.

6. (Previously Presented) A tomography imaging system according to claim 5, wherein at least one of the first and second support devices includes runners in contact with the region of the patient ~~support~~ board, whereby complementary rotary members are mounted on the patient board.

7. (Original) A tomography imaging system according to claim 6, wherein one of the first and second support devices includes dampening elements.

8. (Original) A tomography imaging system according to claim 7, wherein the dampening elements are gas compression springs.

9. (Original) A tomography imaging system according to claim 6, wherein the contact region comprises dampening elements.

Claim 10 has been amended as follows:

10. (Currently Amended) A tomography imaging system according to claim 1, which includes a second support device that ~~can be extended~~ is extendable in a horizontal direction and is mounted on the patient positioning table.

11. (Original) A tomography imaging system according to claim 10, wherein at least one of the first and second support devices includes a rotary member in a contact region with the patient board.

12. (Original) A tomography imaging system according to claim 10, wherein at least one of the first and second support devices includes runners in a contact region with the patient board, and complementary rotary members being mounted on the patient board engaging the runners.

13. (Original) A tomography imaging system according to claim 10, wherein at least one of the first and second support devices includes dampening elements.

14. (Previously Presented) A tomography imaging system according to claim 1, wherein a contact region of the patient board includes dampening elements.

Claim 15 has been amended as follows:

15. (Currently Amended) A tomography imaging system according to claim 1, wherein the first support device has a rotary member for engaging a contact region of the patient board.

Claim 16 has been amended as follows:

16. (Currently Amended) A tomography imaging system according to claim 1, wherein the first support device includes a runner in a contact region with the patient board and complementary rotary members being mounted on the patient board to engage the runners.

Claim 17 has been amended as follows:

17. (Currently Amended) A tomography imaging system according to claim 1, wherein the first support device comprises ~~dampening~~ damping elements.